EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	548	307/131.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 14:36
L2	90	1 and (overcurrent overload)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 12:59
L3	5	2 and (parallel near (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 14:12
L4	9	1 and (((resistor or resistance) or impedance) near5 insert$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 14:42
L5	2	1 and gate same bypass same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 13:04
L6	64	1 and (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2) near5 (parallel or shunt$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 15:29
L7	140	1 and (((resistor or resistance) or impedance) near5 (connect$4 coupled insert$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 14:10
L8	34	7 and (parallel near5 (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 14:41
L9	9	1 and (((resistor or resistance) or impedance) near5 (insert$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 14:10
L10	4	9 and (parallel near5 (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 14:11
L11	14	2 and (parallel near5 (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 14:12
L12	2	("5,376,831").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/13 14:38

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L13	1119	307/140.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 14:39
L14	15	13 and (((resistor or resistance) or impedance) near5 insert$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 14:39
L15	105	13 and (parallel near5 (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 15:19
L16	3	15 and (((resistor or resistance) or impedance) near5 insert$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 14:42
L17	0	2 and (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2) near parallel near resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 15:23
L18	0	2 and (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2) near2 parallel near resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 15:23
L19	1	2 and (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2) near2 parallel near2 resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 19:46
L20	6916	(overcurrent overload short adj circuit) same (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2) near5 (parallel or shunt$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 15:30
L21	31	(overcurrent overload short adj circuit) same (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2) near parallel near resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 15:36
L22	3	"6,381,152"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 15:37
L23	5	("4357654" | "5428523" | "5726869" | "6101104" | "6130828").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 15:37
L24	8	("4357654").URPN.	USPAT	OR	ON	2006/04/13 15:41
L36	2	("4,646,142").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/13 19:19

L37	2	("4,616,142").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/13 19:19
L38	2	("3675114" | "4532443").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 19:19
L39	8	("3209161" | "3636385" | "3641407" | "3879640" | "4066918" | "4363068" | "4420784").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 19:23
L40	2	("3209161").URPN.	USPAT	OR	ON	2006/04/13 19:30
L41	2	("3,699,358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/13 19:30
L42	12	("3699358").URPN.	USPAT	OR	ON	2006/04/13 19:30
L43	8	("2900508" | "3174053" | "3184615" | "3213295").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 19:36
L44	2800	parallel same power adj device$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 19:36
L45	0	44 same (current adj limit$3 or current adj sharing) same ((fet$1 or mosfet$1) near5 (((resistor or resistance) or imepedance) near5 insert$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 19:41
L46	42	44 same (current adj limit$3 or current adj sharing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 19:42
L47	0	44 same (current adj limit$3) same ((fet$1 or mosfet$1) near5 (((resistor or resistance) or imepedance) near5 insert$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 19:43
L48	0	44 same ((fet$1 or mosfet$1) near5 (((resistor or resistance) or imepedance) near5 insert$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 19:43
L49	72	44 same (fet$1 or mosfet$! or transistor$1 or igbt$1 or switch$2) same switch same parallel same resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 19:51
L50	441	current adj limit$3 and gate same bypass same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 19:53
L51	0	current adj limit$3 and gate same bypass same switch near parallel near resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 19:54

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L52	0	current adj limit$3 and gate same bypass same switch near3 parallel near3 resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 19:54
L53	7	current adj limit$3 and gate same bypass same switch near5 parallel near5 resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 19:56
L54	17	50 and control$4 near (overcurrent overload short adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 20:05
L55	5637	current adj limit$3 and ((fet$1 or mosfet$1 or switch$1) near4 (parallel or shunt$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 20:09
L56	1516	current adj limit$3 and ((fet$1 or mosfet$1 or switch$1) near4 (parallel or shunt$2)) and control adj circuit and gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 20:09
L57	690	56 and (overcurrent overload short adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 20:10
L58	1618	current adj limit$3 same ((fet$1 or mosfet$1 or switch$1) near4 (parallel or shunt$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 20:09
L59	244	58 same (overcurrent overload short adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 20:34
L60	30896	transistor same switch same parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 20:37
L61	16907	60 same resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 20:38
L62	663	361/93.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 22:30
L63	160	361/93.1.ccls. and (current adj limit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 22:36

L64	104	361/93.1.ccls. and (parallel near5 (fet$1 or mosfet$1 or transistor$1 or igbt$1 or switch$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 22:37
L65	6	("4870555" | "5724235" | "5726869" | "6069802").PN. OR ("6671193").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 22:51
L66	79	("4870555").URPN.	USPAT	OR	ON	2006/04/13 22:51
L67	28	("20020080544" | "3337744" | "3413522" | "3473106" | "3531712" | "3532936" | "3697861" | "4016460" | "4459537" | "4618812" | "4752852" | "4835649" | "5136452" | "5233287" | "5381296" | "5506493" | "5539603" | "5539610" | "5642251" | "5814979" | "5815356" | "5946270" | "6118641").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 23:07
L68	791	current adj limiter same (circuit adj breaker or fuse$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:11
L69	1	68 same ((fet$1 or mosfet$1) near5 (parallel or shunt$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:10
L70	54	current adj limiter same disconnection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:12
L71	4	current adj limiter same disconnect$3 with rapid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:13
L72	64	(overload short adj circuit overcurrent) same disconnect$3 with rapid same (fet$1 mosfet$1 switch$1 transistor$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:14
L73	14	64 and bypass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:14
L74	13	("4378580" | "4685040" | "4710699" | "4809122" | "4933798" | "5144155" | "6005303").PN. OR ("6140806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 23:26
L75	253890	(mosfet$1 fet$1 switch$1 transistor$1) same switch same parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:30
L76	54372	75 same resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:30

L77	2185	76 same bypass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:30
L78	1557	77 same control$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:31
L79	66	78 same (overcurrent overload)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:32
L80	2	79 same absorb$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:50
L81	11	"2622524"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:50
L82	2	"07288456"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 23:56
L83	7	("4378580" | "4685040" | "4710699" | "4809122" | "4933798" | "5144155" | "6005303").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 23:56
L84	6	("6140806").URPN.	USPAT	OR	ON	2006/04/13 23:57
L85	5	("5805393").URPN.	USPAT	OR	ON	2006/04/14 00:09
S1	5	(("5,969,514") or ("6,157,089") or ("29909206")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/11 22:44
S2	32461	(MOSFET transistor FET$1 semiconductor adj switch$1) same protection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/11 23:40
S3	4255	S2 same (overload short adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 00:20
S4	429	S3 same control near (unit central signal system logic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 00:20
S5	331	S4 same (output$1 load$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 00:19

S6	191	S5 same (switch switching)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 00:17
S7	14572	S2 same (output$1 load$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 00:19
S8	2759	S7 same (overload short adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 00:20
S9	331	S8 same control near (unit central signal system logic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 00:21
S10	0	S9 same zener adj diode near gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 00:22
S11	196319	(FET mosfet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:40
S12	6205	S11 same (overload$1 short adj circuit$1 overvoltage overcurrent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:25
S13	1162	S12 same (load output) same protect$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:50
S14	2053	S12 same (load output) same (control$4 protect$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:06
S15	318	S14 same ((control$3 adj (system unit switch logic)) pwm microcomputer monitoring adj unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 12:33
S16	201	S15 same (signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:30
S17	94	S16 same gate same gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:24

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S18	17	S17 same drain same resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:14
S19	14446	auxiliary adj4 switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:24
S20	244	S19 same S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:24
S21	6205	S12 same (overload$1 short adj circuit$1 overvoltage overcurrent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:30
S22	3	S20 same (overload$1 short adj circuit$1 overvoltage overcurrent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:25
S23	268027	(FET mosfet Mos adj transistors)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:11
S24	5095	S23 same gate same ((control$3 adj (system unit switch logic)) pwm microcomputer monitoring adj unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:47
S25	3273	S24 same (signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:47
S26	139	S25 same (overload$1 short adj circuit$1 overvoltage overcurrent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:49
S27	536	S23 same gate with ((control$3 adj (system unit switch logic)) pwm microcomputer monitoring adj unit) with source with gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:38
S28	118	S27 same drain same resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:43
S29	282	S23 same auxiliary adj5 switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:44

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S30	11931	S23 same ((control$3 adj (system unit switch logic)) pwm microcomputer monitoring adj unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:47
S31	2348	S30 same control near signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 11:48
S32	75	S31 same (overload$1 short adj circuit$1 overvoltage overcurrent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 12:37
S33	20	S32 same protect$3 same (load output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:10
S34	2760	gate same bypass same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 13:58
S35	696	S34 same parallel$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 13:59)
S36	369	S35 same (ballast adj resistor resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 12:35
S37	92	S36 same (overload$1 short adj circuit$1 overvoltage overcurrent surge transient inrush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:11
S38	2	("6268990").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/12 12:55
S39	6	(("6268990") or ("6157089") or ("5969514")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/12 12:58
S40	40369	switch$3 adj (mode power) same suppl$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:17
S41	2583	S40 same regulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 13:57

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S42	281	S41 same (overload$1 short adj circuit$1 overvoltage overcurrent surge transient inrush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 13:57
S43	0	S42 same gate same bypass same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:12
S44	18	S42 same gate same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 13:59
S45	6	S44 same parallel$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 13:59
S46	216712	protect$3 same (load$1 output$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:10
S47	38227	S46 same (overload$1 short adj circuit$1 overvoltage overcurrent surge transient inrush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:44
S48	1959	S47 same (FET mosfet Mos adj transistors)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:12
S49	4	S48 same gate same bypass same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:43
S50	5941	switch$3 adj mode adj power adj suppl$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:19
S51	167	S50 same voltage adj regulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:34
S52	510	S50 same (Mosfet fet mos adj transistors)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:35
S53	284	S52 same switching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:38

S54	31	S53 same parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:40
S55	2376946	(FET mosfet switch) adj3 (connected coupled) adj3 parallel (FET mosfet switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:42
S56	2760	S55 same gate same bypass same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:44
S57	1008	S56 same resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:44
S58	205	S57 same (overload$1 short adj circuit$1 overvoltage overcurrent surge transient inrush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:45
S59	192	S57 same (overload$1 short adj circuit$1 overcurrent surge transient inrush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:51
S60	28	ballast adj resistor near3 drain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 14:52
S61	49	ballast adj resistor same overload	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 17:26
S62	108	ballast adj resistor same (fuses circuit adj breaker$1 recloser$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 19:16
S63	3	"6,381,152"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 19:16
S64	5	("4357654" | "5428523" | "5726869" | "6101104" | "6130828").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 19:16
S65	8	("4357654").URPN.	USPAT	OR	ON	2006/04/12 19:21
S66	12	(("4,937,697") or ("6,157,089") or ("4,914,542") or ("6,157, 553") or ("6,285,570") or ("6,903,912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/12 19:22
S67	10	("5483141" | "5568343" | "5621603" | "5757625" | "6016260" | "6329801" | "6366068" | "6650099" | "6788513" | "6842064").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 19:24

S68	10	("5099410" | "5134307" | "5579197" | "5856712" | "5867377" | "5909360" | "5982652" | "5990577" | "5994794" | "6057609").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 19:28
S69	5	("3697767" | "4639609" | "4819117" | "5859845" | "5990570").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 19:30
S70	12	("3697767").URPN.	USPAT	OR	ON	2006/04/12 19:31
S71	10	("4021701" | "4330809" | "4380728" | "4633165" | "4680667" | "4703390" | "4736267" | "4771357" | "4787007" | "4896245").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 19:38
S72	1	10/513,591	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 19:43
S73	657	361/93.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 19:44
S74	145	S73 and overload	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 21:20
S75	4	S74 and ((impedance or resistance) with insert$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 21:24
S76	23	S74 and (parallel near5 (fet$1 or mosfet$1 or transistor$1 or igbt$1 or switch$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 21:25
S77	121	361/9.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 20:02
S78	260	361/10.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 20:08
S79	1261	361/58.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 20:15
S80	206	361/58.ccls. and overload	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 20:39
S81	2	("5,844,760").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/12 20:39
S82	5	("4719531" | "4893158" | "4937471" | "5027252" | "5303110").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 20:39

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S83	3	("4719531" | "4893158" | "4990978").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 20:39
S84	10	("4719531").URPN.	USPAT	OR	ON	2006/04/12 21:13
S85	80086	"361"/$.ccls.	USPAT	OR	ON	2006/04/12 21:14
S86	142926	"361"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 21:14
S87	185	S86 and gate same bypass same (fet$1 or mosfet$1 or switch$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 21:16
S88	16	S86 and gate same bypass same (fet$1 or mosfet$1 or switch$1) near5 (parallel or shunt$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 21:17
S89	6658	S86 and overload	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 21:20
S90	225	S89 and ((impedance or resistance) with insert$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 21:24
S91	38	S90 and (parallel near5 (fet$1 or mosfet$1 or transistor$1 or igbt$1 or switch$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/12 21:26
S92	548	307/131.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 12:42
S93	143128	"361"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 12:42
S94	90	S92 and (overload overcurrent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 12:50
S95	3	S94 and (((resistor or resistance) or impedance) with insert$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 12:44